

CAPSULE WITH FOAM CONDITIONING FEATURE

ABSTRACT

5 A device for preparing a whipped food, including a container portion that
contains a food component and that is configured for receiving a fluid for mixing with the
food component to produce a fluid mixture. A film conditioning conduit is associated with
the container portion to receive the fluid mixture with gas bubbles entrained therein as a food
product. The conduit includes a restriction channel associated with the container portion
downstream thereof to receive the food product. The restriction channel has a cross-section
10 sufficiently small and a length sufficiently large to selectively feed bubbles in the food
product that are smaller than a preselected maximum bubble size. The conduit also includes
a deceleration channel and fluid communication with the restriction channel downstream
thereof to receive the food product. The deceleration channel substantially reduces the flow
speed of the food product. An outlet downstream of and in fluid association with the
15 deceleration channel dispenses the slowed food product.